

Jens Müller, et al
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AMENDMENTS TO THE SPECIFICATION

Page 1, Line 4, before this line and after the title insert the following paragraph heading:

FIELD AND BACKGROUND OF THE INVENTION

Page 2, Line 1, before this line insert the following paragraph heading:

SUMMARY OF TH INVENTION

Page 2, Line 4, replace the paragraph beginning at this line with the following rewritten paragraph:

The object is achieved by the invention ~~specified in the claims, with claim 1 primarily and essentially~~ having the aim of the shield being formed by an electrically conductive inner wall coating on the plastic housing. A development provides for the coating to be composed of a resistance material, in particular of a copper nickel tin alloy. The alloy may in this case have the following specific composition: 38% copper, 42% nickel and 20% tin. Contact can be made between the inner wall coating and the electrical circuit by means of a metallic shielding ring, which

surrounds the board. One variant of the invention provides for the contact between the inner wall coating and the electrical circuit to be made by a contact lug. In this case, provision is also made for the contact means, namely the contact lug, to be soldered to a contact on the electrical circuit. The contact lug is, furthermore, soldered to the coating. For this variant, this therefore means that it must be possible to solder the coating. In contrast to the coating which is known from DE 30 14 416 C2, the coating favored here is thicker than 200 nm. The layer thickness is, in particular, between 0.5 μm and 20 μm . Another major factor is that the material which is used for the coating is a resistance material. The resistance which is measured between two measurement probes which are placed on the cap base 5 mm apart and with a measurement current of about 1 mA is thus in the range between 10 Ω and 50 Ω . It is particularly advantageous for the measured resistance to be between 20 Ω and 30 Ω .

Page 3, line 5, before this line insert the following paragraph heading:

BRIEF DESCRIPTION OF THE DRAWINGS

Page 3, Line 18, before this line insert the following paragraph heading:

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT